

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	miller-eric.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:06
L2	1	miller-eric.in. and ("digital rights management" DRM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:07
L3	5	sprint-communications-company-lp. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:07
L4	460	(client consumer subscriber user) with (list near3 DRM "digital rights management") with (server provider)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:06
L5	3	(server provider) with (respon\$4 reply\$3 answer\$3) with (support\$3 near6 (DRM "digital rights management"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:12
L6	0	4 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:12
L7	0	4 same 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:12
L8	7	(server provider) with (respon\$4 reply\$3 answer\$3) with ((support\$3 select\$3) near6 (DRM "digital rights management"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:07
L9	196	("380"/\$.ccls. "713"/\$.ccls. "705"/\$.ccls.) and ((client consumer subscriber user) with (list near3 DRM "digital rights management") with (server provider))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:25

## EAST Search History

L10	164	(server provider) with ((support\$3 select\$3) near6 (DRM "digital rights management"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:07
L11	39	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:08
L13	4	(4 and 10).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:25

[File 347] JAPIO Dec 1976-2007/Jul(Updated 071031)  
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[File 350] Derwent WPIX 1963-2008/UD=200802

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*\*File 350: English-language translations of Chinese Utility Model registrations are available starting with update 200769.*

; d s

Set Items Postings Description

S1 1489 20748 S DRM OR DIGITAL(RIGHTS)MANAGEMENT

S2 1003563 6077226 S CLIENT? ? OR SUBSCRIBER? ? OR USER? ? OR PURCHASER? ? OR BUYER? ?

S3 300387 1977292 S SERVER? ? OR PROVIDER? ? OR PUBLISHER? ? OR VENDOR? ?

S4 10 64 S S1(3N)(LIST??? OR MENU? ? OR DIRECTOR???)

S5 467 5121 S S1(3N)(METHOD? ? OR PACKAGE? ? OR STANDARD? ? OR PROTOCOL? ? OR  
TYPE? ?)

S6 144 1267 S MEDIA(RIGHTS)MANAGER OR MEDIA(MANAGEMENT)SYSTEM OR EMMS

S7 95 1069 S S5:S6(3N)(SUPPORT??? OR ALLOW??? OR PROVID??? OR COMPATIBL? OR  
COMPATABL?)

S8 41 1540 S S2 AND S3 AND S7

S9 41 1540 S S8 NOT S4

S10 17 827 S S9 NOT AD=20030724:20080110/PR

S11 2 31 S (S7 OR S5:S6(3N)(PRESENT? OR EXIST? OR EXTANT))(5N)(LIST??? OR MENU? ? OR  
DIRECTOR???)

S12 1 5 S S11 NOT (S4 OR S9)

4/5/8 (Item 8 from file: 350) [Links](#)

Derwent WPIX

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0014459958 *Drawing available*

WPI Acc no: 2004-651191/200463

XRPX Acc No: N2004-515152

**User membership determination method in organization, involves requesting digital rights management server to query directory of specific network forest to determine whether user is member of group**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: NARIN A; ROZENFELD Y; ROZENFELD Y E; VENKATESH C; WAXMAN P D

Patent Family ( 6 patents, 36 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040168077	A1	20040826	US 2003374321	A	20030226	200463	B
EP 1452942	A2	20040901	EP 20042485	A	20040204	200463	E
JP 2004259283	A	20040916	JP 200452372	A	20040226	200463	E
KR 2004076830	A	20040903	KR 200413103	A	20040226	200505	E
CN 1550995	A	20041201	CN 200410007607	A	20040226	200516	E
IN 200400158	I3	20060505	IN 2004MU158	A	20040213	200643	E

Priority Applications (no., kind, date): US 2003374321 A 20030226

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040168077	A1	EN	36	17	
EP 1452942	A2	EN			
Regional Designated States,Original		AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR			
JP 2004259283	A	JA	43		
IN 200400158	I3	EN			

**Alerting Abstract US A1**

**NOVELTY** - A directory of a network forest is queried by a first digital rights management server to return information on the group. A second server is requested to query directory of another forest for determining whether the user is a member of group. The request for digital content usage license from the user is granted by the first server based on response indicating that the user is the group member, from second server.

**DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for computer readable medium storing instructions for determining user from organization is member of group.

**USE** - For determining whether user from organization e.g. office or corporation is member of group within organization, in digital rights management (DRM) system used to render digital content such as digital audio, digital video, digital text and digital multimedia data according to use or license terms.

**ADVANTAGE** - Allows controlled rendering or playing of arbitrary forms of digital content.

**DESCRIPTION OF DRAWINGS** - The figure shows a flow diagram explaining operation of digital rights management server.

10/5/4 (Item 4 from file: 350) [Links](#)

Derwent WPIX

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0014685301 *Drawing available*

WPI Acc no: 2005-032889/200504

Related WPI Acc No: 2005-074913

XRPX Acc No: N2005-028776

**Digital rights management feature information provision method for mobile phone, involves transmitting reference to listings or listings of digital rights management feature to content provider**

Patent Assignee: SONY ERICSSON MOBILE COMMUNICATIONS AB (SONY)

Inventor: ANDERSSON S; LARSSON B

Patent Family ( 1 patents, 31 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1486850	A2	20041215	EP 200323093	A	20031015	200504	B

Priority Applications (no., kind, date): EP 200376939 A 20030606

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1486850	A2	EN	14	6	
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				

**Alerting Abstract EP A2**

NOVELTY - A reference to listings or listings of digital rights management (DRM) feature supported by different digital rights management schemes related to electronic communication device e.g. mobile phone (10), of which one listing is remotely associated with mobile phone. The reference is transmitted to the listings or the listings are transmitted to a content **provider** (16).

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. method of generating rights objects for provision to electronic communication device;
2. electronic communication device;
3. system for managing digital rights;
4. content **provider** for generating rights objects to electronic communication device output;
5. computer program product for providing information about supported digital rights management feature of electronic communication device;
6. computer program product for generating rights for provision to electronic communication device;
7. computer program element for generating rights objects for provision to electronic communication device; and
8. computer data signal for providing information about supported digital rights management feature of electronic communication device.

USE - For providing information about supported digital rights management feature of electronic communication device e.g. mobile phone, communicator, electronic organizer, smart phone, palm top computer, laptop computer, personal computer (PC) using communication network e.g. cellular network.

ADVANTAGE - Allows conversion of content rights from one digital rights management (DRM) scheme or another DRM without unduly burdening a content **provider**. Provides a higher degree of freedom of where the content is used while ensuring that interest of the content **provider** are safeguard. Avoids the need for the content **provider** to keep the track of what features the **DRM** scheme. Allows automatic generation of right object according to DRM scheme while providing content to the **user** who needs to use the content with different schemes.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of sending of request for content from the electronic communication device and delivery of the requested content from the content **provider**.

10 mobile phone

16 content **provider**

35 request signal

36,38 lists

39 reply signal

10/5/6 (Item 6 from file: 350) [Links](#)

Derwent WPIX

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0014488994 *Drawing available*

WPI Acc no: 2004-517712/200449

XRPX Acc No: N2004-410200

**Content data provision method in client-server applications, involves sending generated XML file having defined DTD format, license information and locator for content data to client**

Patent Assignee: HANNSMANN U (HANN-I); IBM CORP (IBMC); IBM DEUT GMBH (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: HANNSMANN U; JENNINGS J; STOBBER T

Patent Family ( 6 patents, 103 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004057446	A2	20040708	WO 2003EP50892	A	20031125	200449	B
AU 2003298320	A1	20040714	AU 2003298320	A	20031125	200474	E
EP 1573478	A2	20050914	EP 2003796053	A	20031125	200560	E
			WO 2003EP50892	A	20031125		
US 20060031222	A1	20060209	WO 2003EP50892	A	20031125	200612	E
			US 2005539644	A	20050615		
CN 1692323	A	20051102	CN 2003100604	A	20031125	200622	E
JP 2006510975	W	20060330	WO 2003EP50892	A	20031125	200623	E
			JP 2004561478	A	20031125		

Priority Applications (no., kind, date): EP 2002102827 A 20021219

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004057446	A2	EN	25	4	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KZ LC LK LR LS LT LU MA MD MG MK MN NL NO NZ OA PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES MC MW MZ NL OA PT RO SD SE SI SK SL				
AU 2003298320	A1	EN			Based on
EP 1573478	A2	EN			PCT Appl
					Based on
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IL IN IS JP KE KG KZ LC LK LR LS LT LU MA MD MG MK MN NL NO NZ OA PT RO SE SI SK SL				
US 20060031222	A1	EN			PCT Application WO 2003EP50892
JP 2006510975	W	JA	12		PCT Application WO 2003EP50892
					Based on OPI patent WO 2004057446

bad date, Full

**Alerting Abstract WO A2**

NOVELTY - A selection of content data requesting of license conditions information, from the **client** is received by license **server**. A XML file having defined document type definition (DTD) format, license information and locator for the content data, is generated, and transmitted to the **client**. The synchronized local license related data is sent from the **client** to the **server**.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

9. computer program product for content data provision;
10. client system;
11. computer system; and
12. server system.

USE - For providing content data such as songs, video images, software and other digital media content, to client device such as personal computer, laptop computer, MP3 player, personal digital assistant (PDA) and mobile telephone over internet or wireless network.

ADVANTAGE - The renewal of the license information is performed in response to corresponding request of the user, or it is triggered automatically when original license is expired, depending on the settings selected by the user.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the computer system.



[File 348] **EUROPEAN PATENTS** 1978-2007/ 200801

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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT** 1979-2007/UB=20071227UT=20071120

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

;ds

Set Items Postings Description

S1 3502 84852 S DRM OR DIGITAL(RIGHTS)MANAGEMENT

S2 559356 16454615 S CLIENT?? OR SUBSCRIBER?? OR USER?? OR PURCHASER?? OR BUYER?? OR CUSTOMER?? OR CPE

S3 201193 5523868 S SERVER?? OR PROVIDER?? OR PUBLISHER?? OR VENDOR??

S4 70 448 S S1(3N)(LIST??? OR MENU?? OR DIRECTOR???)

S5 925 12935 S S1(3N)(METHOD?? OR PACKAGE?? OR STANDARD?? OR PROTOCOL?? OR TYPE?? OR SCHEME??)

S6 488 10108 S MEDIA(RIGHTS)MANAGER OR MEDIA(MANAGEMENT)SYSTEM OR EMMS

S7 278 2810 S S5:S6(3N)(SUPPORT??? OR ALLOW??? OR PROVID??? OR COMPATIBL? OR COMPATABL?)

S8 1 70 S S4(20N)S7

S9 15 262 S S4(20N)S2(20N)S3

S10 5 169 S S9 NOT AD=20030724:20080110/PR

S11 3 92 S (S7 OR S5:S6(3N)(PRESENT?? OR EXIST??? OR EXTANT???))(5N)(LIST??? OR MENU? ? OR DIRECTOR???)

S12 2 10 S S11 NOT (S8 OR S10)

S13 63 968 S (S7 OR S5:S6(3N)(PRESENT?? OR EXIST??? OR EXTANT???))(20N)S2(20N)S3

S14 62 961 S S13 NOT (S8 OR S10 OR S12)

S15 29 343 S S14 NOT AD=20030724:20080110/PR

10/3K/4 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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01028523

**METHOD AND SYSTEM FOR THE INFORMATION PROTECTION OF DIGITAL CONTENT**

**PROCÉDE ET SYSTEME POUR LA PROTECTION DES INFORMATIONS D'UN CONTENU NUMERIQUE**

**Patent Applicant/Patent Assignee:**

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(Designated only for: US)
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(Designated only for: US)

**Patent Applicant/Inventor:**

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KR(Nationality); (Designated only for: US)

**Legal Representative:**

**28. HONG Jae-II(agent)**

905, Poonglim Bldg., 823, Yeoksam-Dong, Kangnam-Ku, 135-734 Seoul; KR;

	Country	Number	Kind	Date
Patent	WO	200358485	A1	20030717
Application	WO	2003KR52		20030110
Priorities	KR	1020020001916		20020112
	KR	1020020073773		20021126

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English  
Filing Language: Korean  
Fulltext word count: 20542

**Detailed Description:**

...number, security level configuration of content, management of content service site, license management, management of user's hardware ...so on. These function menu can be easily changed 1 0 for request of content provider and DRM administrator 134 may be serviced remotely through internet web site.

Fig. 23 is... ..picture image of the registrating function of viewer programs in DRM administrator program. If content provider selects viewer menu on DRM administrator 134, the list of authenticated viewer program for content service will be displayed. Referred to image, viewer list registered on DRM server is such as Windows Media Player 7.01, Acrobat Reader 4.0, Active Tutor, Alkion viewer, Live Share, Quick Time Player, etc. Therefore application program without registration at DRM server is not allowed for content protection, 2 0 since there are high dangers of hacking... ..of digital content. In addition, it is very convenient to register and manage the viewer list on DRM server.

Addition of new program can be easily executed by simple registration process.

By using unique...by DRM system. Because GVA has a check function of file size, DRM controller of **client** system must have an additional compensation function for different file size.

If content **provider** selects a 'viewer registration' **menu** on **DRM** administrator 134, content **provider** can easily register new application program as viewer. On the image of viewer

15/3K/21 (Item 9 from file: 349) [Links](#)

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01028635

**METHODS AND APPARATUS FOR DIGITAL RIGHTS MANAGEMENT**

PROCEDES ET APPAREILS DE GESTION DE DROITS NUMERIQUES

**Patent Applicant/Patent Assignee:**

29. **GENERAL INSTRUMENT CORPORATION**; 101 Tournament Drive, Horsham, PA 19044

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(For all designated states except: US)

30. **SAFADI Reem**; 429 Brown Briar Circle, Horsham, PA 19044

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(Designated only for: US)

**Patent Applicant/Inventor:**

31. **SAFADI Reem**

429 Brown Briar Circle, Horsham, PA 19044; US; US(Residence); US(Nationality); (Designated only for: US)

**Legal Representative:**

32. **LIPSITZ Barry R(agent)**

Law offices of Barry R. Lipsitz, 755 Main Street, Building No. 8, Monroe, CT 06468; US;

	Country	Number	Kind	Date
Patent	WO	200358620	A2-A3	20030717
Application	WO	2002US41782		20021230
Priorities	US	200139156		20011231

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT;  
SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 4506

**Detailed Description:**

...a network operator (such as a cable television system operator) to interface with multiple content providers having disparate **DRM** schemes, while maintaining a consistent DRM scheme on the operator's network and the consumer devices the content to a second "native" **DRM** scheme which is compatible with the consumer device that has requested the content, before delivery of the requested content... ..the present invention includes a DRM

proxy device 120 for receiving content incorporating an original **DRM scheme** from a content **provider 52** over a first network (e.g., external network 20). Although the Figure shows only content **provider 52** as having DRM capabilities, those skilled in the art will appreciate that there may be a multitude of content **providers**, each having a different DRM scheme.

A processor I IO is provided for converting the original **DRM scheme** to a native **DRM scheme** which is **compatible** with a consumer device 200 used to process the content. The content is then securely...

15/3K/25 (Item 13 from file: 349) [Links](#)

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00903152

**PROCESSING CONTENT FOR ELECTRONIC DISTRIBUTION USING A DIGITAL RIGHTS MANAGEMENT SYSTEM**

**TRAITEMENT DE CONTENU POUR DISTRIBUTION ELECTRONIQUE AU MOYEN D'UN SYSTEME DE GESTION DE DROITS NUMERIQUE**

**Patent Applicant/Patent Assignee:**

**33. LIGHTNING SOURCE INC;** One Ingram Boulevard, La Vergne, TN 37086

US; US(Residence); US(Nationality)

**Legal Representative:**

**34. PHAM Chinh H(et al)(agent)**

Patent Group, Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109-2170; US;

	Country	Number	Kind	Date
Patent	WO	200237210	A2-A3	20020510
Application	WO	2001US30602		20010928
Priorities	US	2000243259		20001025
	US	2001906428		20010716

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

cl

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 7946

**Claims:**

...37 A method of distributing electronic books over a computer network, the method comprising: transmitting user interface instructions to a publisher's network client in response to an HTTP (HyperText Transfer Protocol) request received from the client, the user interface instructions providing a web-page form that enables the publisher to identify electronic content and corresponding metadata, the metadata including designation of at least one electronic book digital rights management system from at least two supported digital rights management schemes from different unaffiliated vendors, the metadata also including hard printing information; receiving the identified electronic content and metadata from the network client; automatically generating an electronic book from the received electronic content corresponding to the identified electronic...

[File 2] **INSPEC** 1898-2007/Dec W2  
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[File 6] **NTIS** 1964-2008/Jan W2  
(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1884-2007/Dec W4  
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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2008/Jan W1  
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[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Nov  
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[File 144] **Pascal** 1973-2007/Dec W2  
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[File 256] **TecInfoSource** 82-2008/Sep  
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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
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Set	Items	Postings	Description
S1	5549	24069	S DRM OR DIGITAL(RIGHTS)MANAGEMENT
S2	1581174	3182901	S CLIENT? ? OR SUBSCRIBER? ? OR USER? ? OR PURCHASER? ? OR BUYER? ? OR CUSTOMER? ? OR CPE
S3	532423	945884	S SERVER? ? OR PROVIDER? ? OR PUBLISHER? ? OR VENDOR? ?
S4	39	133	S S1(3N)(LIST??? OR MENU? ? OR DIRECTOR???)
S5	870	2738	S S1(3N)(METHOD? ? OR PACKAGE? ? OR STANDARD? ? OR PROTOCOL? ? OR TYPE? ? OR SCHEME? ?)
S6	249	667	S MEDIA(RIGHTS)MANAGER OR MEDIA(MANAGEMENT)SYSTEM OR EMMS
S7	50	177	S S5:S6(3N)(SUPPORT??? OR ALLOW??? OR PROVID??? OR COMPATIBL? OR COMPATABL?)
S8	32	113	RD S4 (unique items)
S9	10	48	S S8 NOT PY=2004:2008
S10	3	35	S S2 AND S3 AND S7
S11	3	24	RD (unique items)
S12	0	0	S (S7 OR S5:S6(3N)(PRESENT? OR EXIST? OR EXTANT))(5N)(LIST??? OR MENU? ? OR DIRECTOR???)
S13	27	104	RD S7 (unique items)
S14	26	101	S S13 NOT (DEESE OR ROEDIGER OR MCDERMOTT)
S15	17	71	S S14 NOT PY=2004:2008



15/5/7 (Item 2 from file: 8) [Links](#)

Ei Compendex(R)

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**Title:** XrML - eXtensible rights Markup Language

**Author:** Wang, Xin; Lao, Guillermo; DeMartini, Thomas; Reddy, Hari; Nguyen, Mai; Valenzuela, Edgar

**Corporate Source:** ContentGuard, Inc., El Segundo, CA 90245, United States

**Conference Title:** Proceedings of the ACM Workshop on XML Security 2002

**Conference Location:** Fairfax, VA, United States **Conference Date:** 20021122-20021122

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**ISBN:** 1581136323

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**Document Type:** CA; (Conference Article) **Treatment:** T; (Theoretical)

**Journal Announcement:** 0310W4

**Abstract:** XrML (extensible rights Markup Language) is an XML-based language for digital rights management (DRM), providing a universal method for specifying rights and conditions associated with the use and protection of digital content and services. Originally developed at Xerox's Palo Alto Research Center (PARC), the specification facilitates the creation of an open architecture for digital rights management of content or services. It can be integrated with both existing and new DRM systems. XrML is a general-purpose rights language, agnostic to the type of resource, platform, media, or business applications. The latest release, XrML 2.0, expands the capabilities of a digital rights language to enable developers to establish the rights and conditions needed to access web services in addition to digital content. It also contains additional capabilities in the areas of extensibility, security, and life cycle management. Recent actions in several standards bodies, most notably MPEG, OeBF and OASIS, have positioned XrML to become the world wide industry standard for a digital rights language. This paper provides a brief introduction to XrML, its data model, usage and extensibility as it applies to digital media, multi-tier content distribution and XML-based healthcare information. 17 Refs.

**Descriptors:** \*XML; Information management; Computer programming languages; Metadata; Standards; Security of data

**Identifiers:** Digital rights management (DRM)

**Classification Codes:**

723.1.1 (Computer Programming Languages)

903.2 (Information Dissemination); 912.2 (Management); 723.1 (Computer Programming); 902.2 (Codes & Standards); 723.2 (Data Processing)

723 (Computer Software, Data Handling & Applications); 903 (Information Science); 912 (Industrial Engineering & Management); 902 (Engineering Graphics; Engineering Standards; Patents)

72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL); 91 (ENGINEERING MANAGEMENT)

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Set Items Postings Description

S1 73477 381020 S DRM OR DIGITAL()RIGHTS()MANAGEMENT

S2 28717774 105074742 S CLIENT? ? OR SUBSCRIBER? ? OR USER? ? OR PURCHASER? ? OR BUYER?  
? OR CUSTOMER? ? OR CPE

S3 16456573 43125570 S SERVER? ? OR PROVIDER? ? OR PUBLISHER? ? OR VENDOR? ?

S4 576 1631 S S1(3N)(LIST??? OR MENU? ? OR DIRECTOR???)

S5 5201 21265 S S1(3N)(METHOD? ? OR PACKAGE? ? OR STANDARD? ? OR PROTOCOL? ? OR  
TYPE? ? OR SCHEME? ?)

S6 11029 27827 S MEDIA()RIGHTS()MANAGER OR MEDIA()MANAGEMENT()SYSTEM OR EMMS

S7 1517 6580 S S5:S6(3N)(SUPPORT??? OR ALLOW??? OR PROVID??? OR COMPATIBL? OR  
COMPATABL?)

S8 0 0 S S4(10N)S7

S9 0 0 S S4(20N)S7

S10 23 73 S S4(7N)S2

S11 11 35 RD (unique items)

S12 3 11 S S11 NOT PY=2004:2008